

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
 Data File : BM005842.D
 Acq On : 16 Jun 2016 23:50
 Operator : UM/SJ
 Sample : H3537-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y42

Quant Time: Jun 17 01:57:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:56:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	21894	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	109477	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	74865	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	180120	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	228350	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	239307	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
3) Phenol-d5	6.92	99	23642	12.90	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	16147	16.99	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	24357	15.61	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	15332	9.36	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	13107	16.96	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	13990	14.82	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	28049	15.04	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	18923	14.99	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	100539	14.19	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	133165	16.32	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	1809	2.12	ng/ul	0.04
21) Fluorene-d10	15.37	176	97452	16.15	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	7821	6.43	ng/ul	0.00
26) Anthracene-d10	17.22	188	154708	16.45	ng/ul	0.00
30) Pyrene-d10	19.52	212	184456	17.04	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	196233	16.40	ng/ul	0.00

Target Compounds

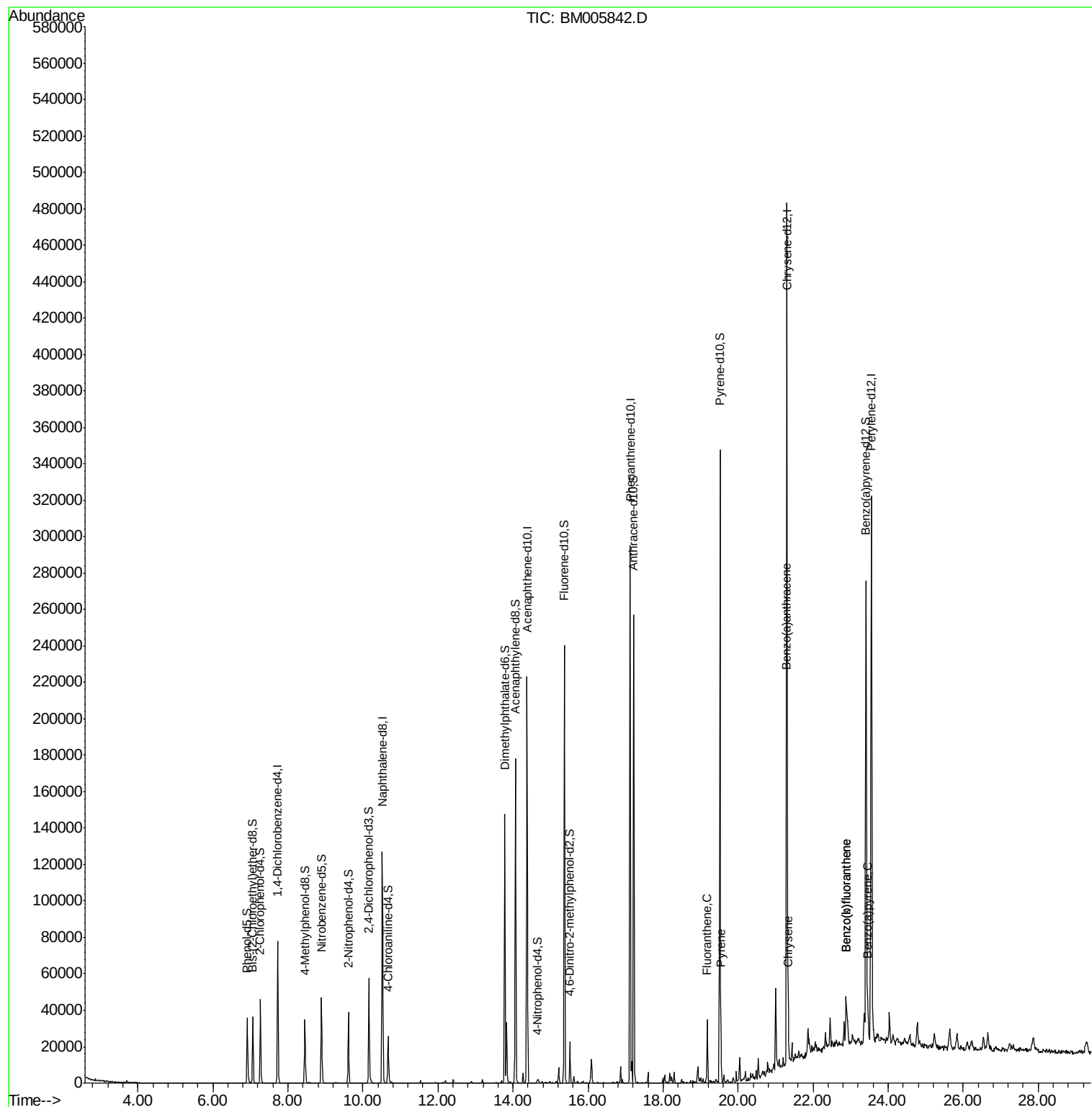
						Qvalue
28) Fluoranthene	19.18	202	22598	1.68	ng/ul	99
31) Pyrene	19.54	202	22780	1.69	ng/ul	98
32) Benzo(a)anthracene	21.29	228	14874	1.04	ng/ul	96
33) Chrysene	21.34	228	16560	1.21	ng/ul	95
35) Benzo(b)fluoranthene	22.88	252	23076	1.55	ng/ul#	98
36) Benzo(k)fluoranthene	22.88	252	23076	1.60	ng/ul#	97
38) Benzo(a)pyrene	23.46	252	15716	1.07	ng/ul#	97

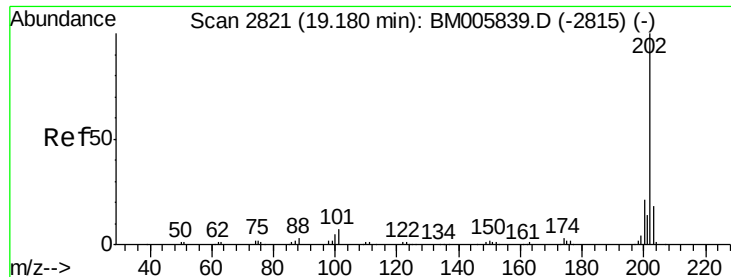
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Fluoranthene

Concen: 1.68 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

Instrument :

BNA_M

ClientSampleId :

D9Y42

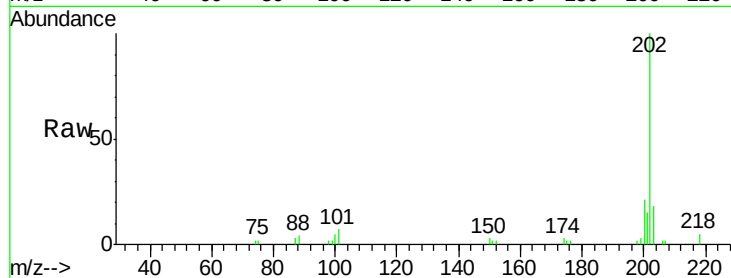
Tgt Ion:202 Resp: 22598

Ion Ratio Lower Upper

202 100

101 7.1 6.1 9.1

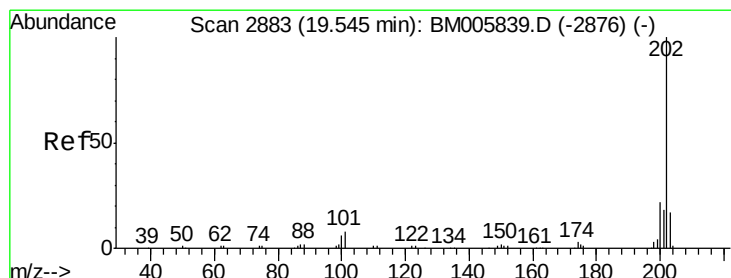
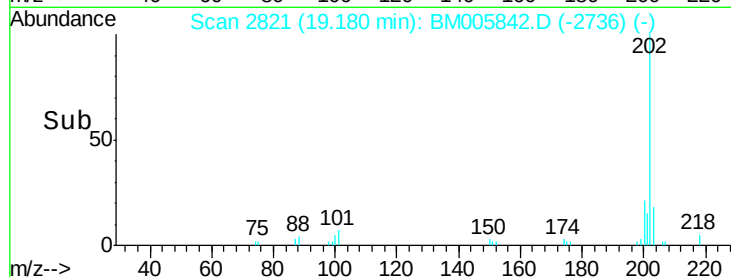
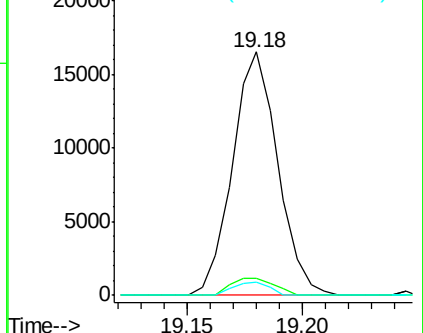
100 5.3 4.2 6.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#31

Pyrene

Concen: 1.69 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

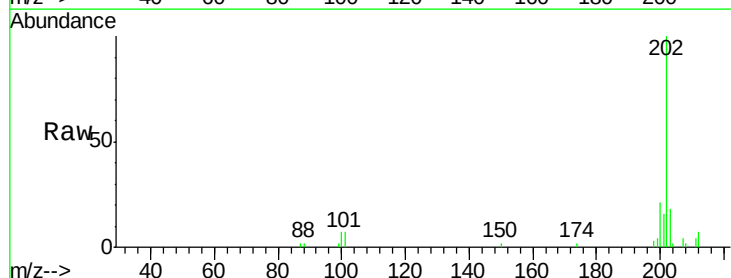
Tgt Ion:202 Resp: 22780

Ion Ratio Lower Upper

202 100

101 6.8 6.5 9.7

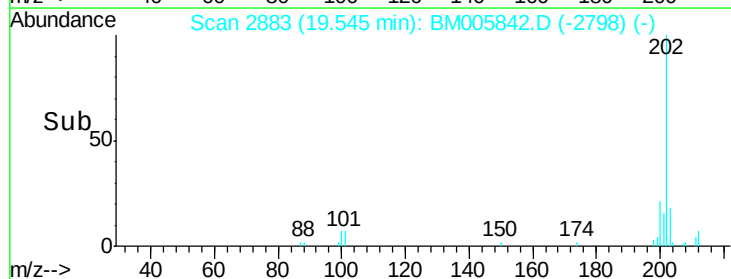
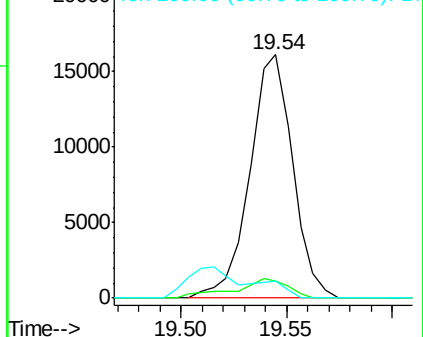
100 7.0 5.4 8.2

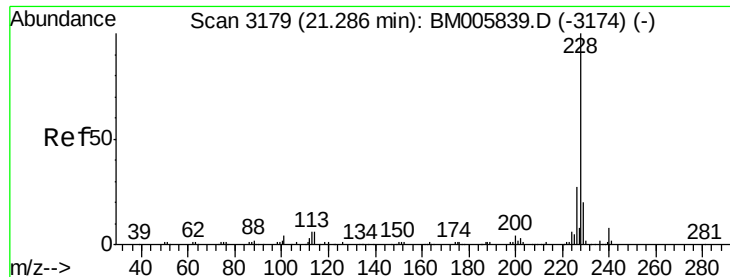


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#32

Benzo(a)anthracene

Concen: 1.04 ng/ul

RT: 21.29 min Scan# 3179

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

Instrument :

BNA_M

ClientSampleId :

D9Y42

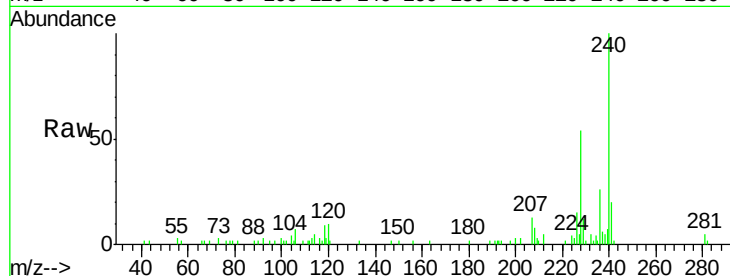
Tgt Ion:228 Resp: 14874

Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

226 28.6 21.8 32.6

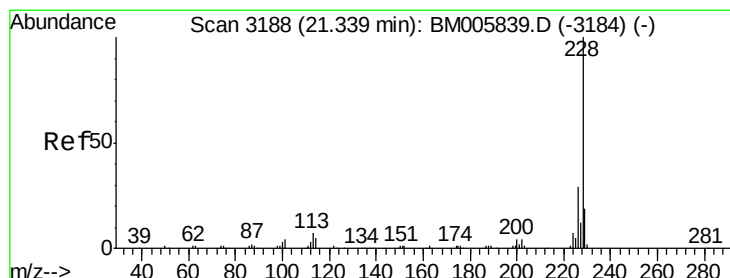
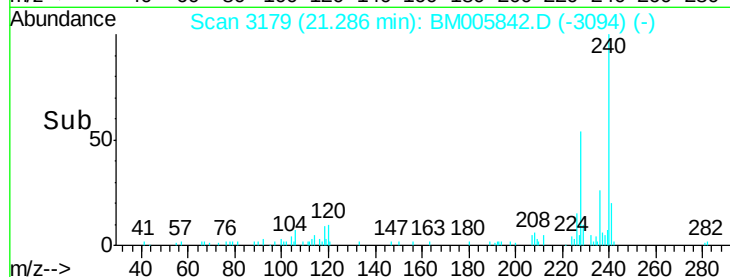
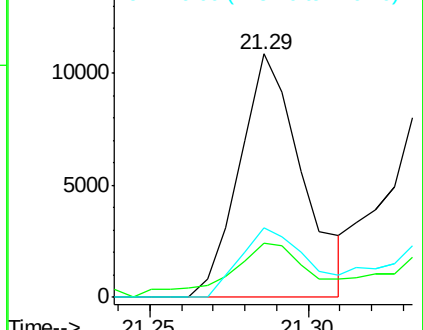


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#33

Chrysene

Concen: 1.21 ng/ul

RT: 21.34 min Scan# 3188

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

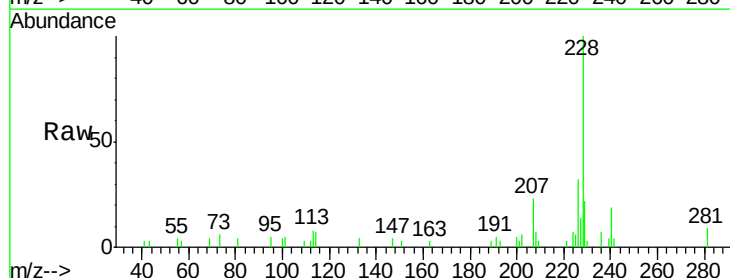
Tgt Ion:228 Resp: 16560

Ion Ratio Lower Upper

228 100

226 31.9 23.5 35.3

229 22.0 15.4 23.0

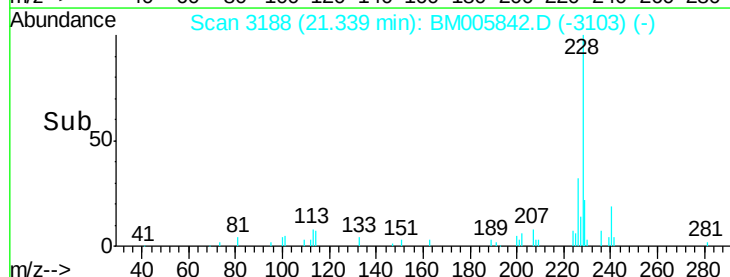
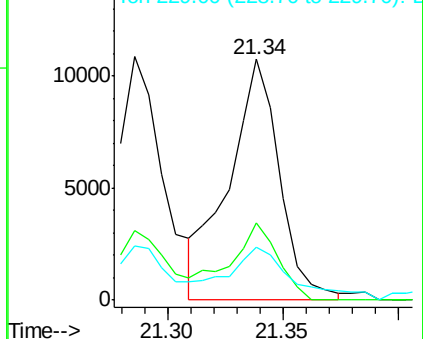


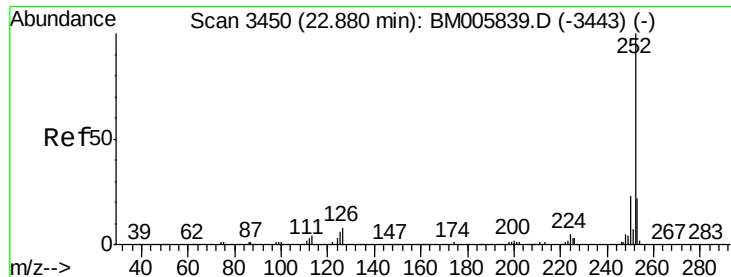
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#35

Benzo(b)fluoranthene

Concen: 1.55 ng/ul

RT: 22.88 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

Instrument :

BNA_M

ClientSampled :

D9Y42

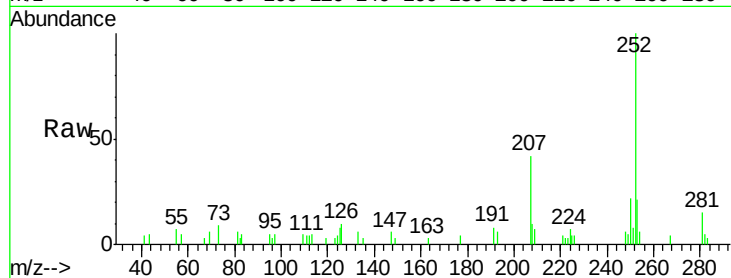
Tgt Ion:252 Resp: 23076

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

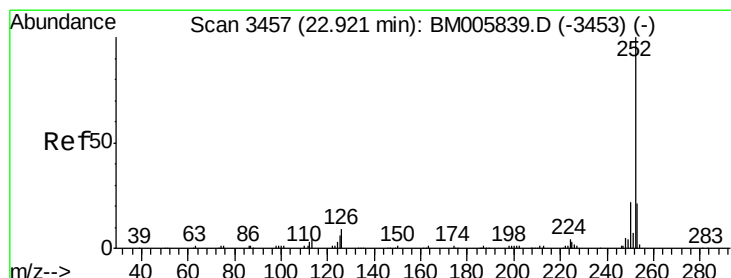
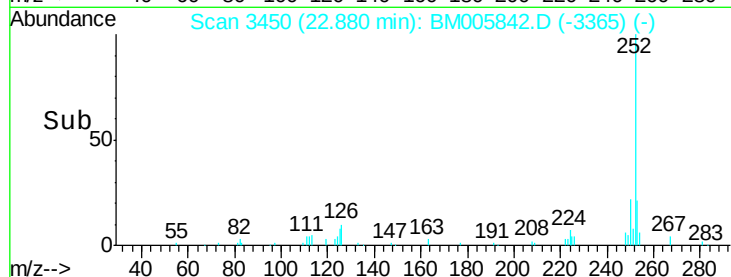
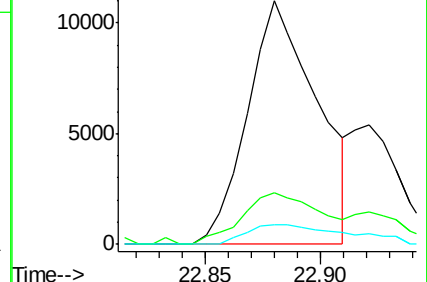
125 8.3 4.9 7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 1.60 ng/ul

RT: 22.88 min Scan# 3450

Delta R.T. -0.04 min

Lab File: BM005842.D

Acq: 16 Jun 2016 23:50

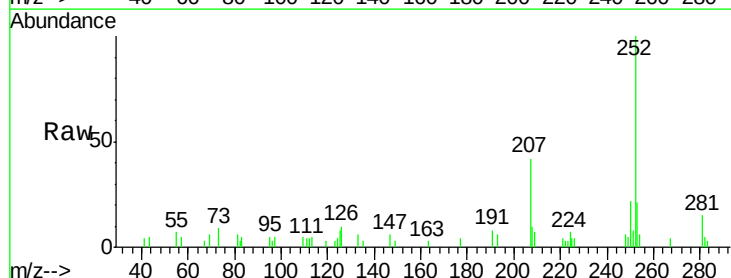
Tgt Ion:252 Resp: 23076

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

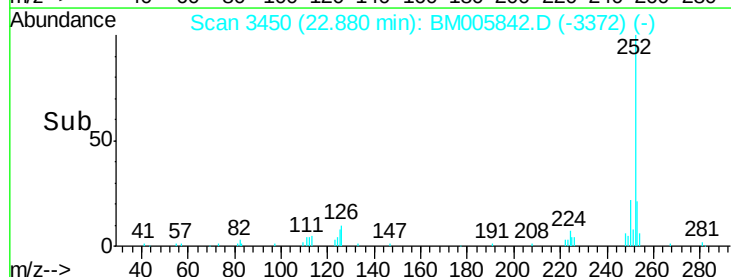
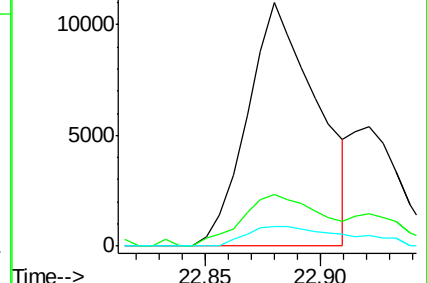
125 8.3 4.8 7.2#

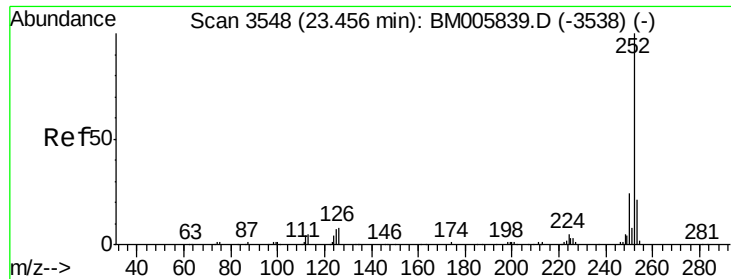


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#38

Benzo(a)pyrene

Concen: 1.07 ng/ul

RT: 23.46 min Scan# 3548

Delta R.T. 0.00 min

Lab File: BM005842.D

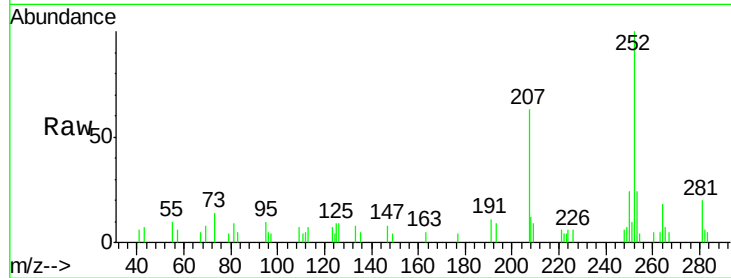
Acq: 16 Jun 2016 23:50

Instrument :

BNA_M

ClientSampleId :

D9Y42



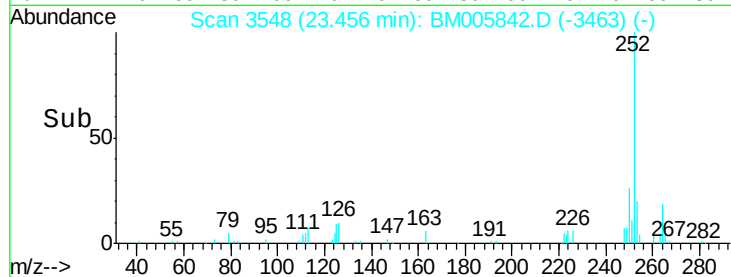
Tgt Ion: 252 Resp: 15716

Ion Ratio Lower Upper

252 100

253 23.7 18.0 27.0

125 8.5 5.1 7.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

